

MMM		MMM	000000000		MMM		MMM
MMM		MMM	000000000		MMM		MMM
MMM		MMM	000000000		MMM		MMM
MMMMMM	MMMMMM	000		000	MMMMMM	MMMMMM	
MMMMMM	MMMMMM	000		000	MMMMMM	MMMMMM	
MMMMMM	MMMMMM	000		000	MMMMMM	MMMMMM	
MMM	MMM	MMM	000	000	MMM	MMM	MMM
MMM	MMM	MMM	000	000	MMM	MMM	MMM
MMM	MMM	MMM	000	000	MMM	MMM	MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000	000	MMM		MMM
MMM		MMM	000000000		MMM		MMM
MMM		MMM	000000000		MMM		MMM
MMM		MMM	000000000		MMM		MMM

B
C
D
E
F
G
H
I
J
K
L
M
N
B
C
D
E
F
G
H
I
J
K
L
M
N
B
C
D
E
F
G
H
I
J
K
L
M
N
B
C
D
E
F
G
H
I

```

LL          IIIIII          SSSSSSSS
LL          IIIIII          SSSSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LL          II             SSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LLLLLLLLLLLL IIIIII          SSSSSSSS
LLLLLLLLLLLL IIIIII          SSSSSSSS

```

[illegible]

PSI
--
.
SA
NP

Ph
--
In
Co
Pa
Sy
Pa
Sy
Ps
Cr
As

Th
12
Th
41

(3)	67	MOM\$NPA_LOAD Downline load state table
(4)	147	MOM\$NPA_TRIGGER Trigger parameter state table
(5)	178	MOM\$NPA_CIRLOOP Circuit loop state table
(7)	232	MOM\$NPA_NODE Node parameter state table
(8)	341	MOM\$NPA_SERSUB Common service parameter subexpressions

```
0000 1 .TITLE MOMSERSTA LOAD/TRIGGER/DUMP/LINE LOOP STATE TABLES
0000 2 .IDENT 'V04-000'
0000 3
0000 4
0000 5 *****
0000 6 *
0000 7 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
0000 8 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *
0000 9 * ALL RIGHTS RESERVED. *
0000 10 *
0000 11 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
0000 12 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *
0000 13 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *
0000 14 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
0000 15 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *
0000 16 * TRANSFERRED. *
0000 17 *
0000 18 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *
0000 19 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *
0000 20 * CORPORATION. *
0000 21 *
0000 22 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
0000 23 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
0000 24 *
0000 25 *
0000 26 *****
0000 27
0000 28
0000 29 ++
0000 30 FACILITY: DECnet-VAX Network Management Maintenance Operations Module (MOM)
0000 31
0000 32 ABSTRACT:
0000 33 This module contains the NPARSE tables for parsing the parameter
0000 34 portions of NICE messages containing load, trigger, and test commands.
0000 35
0000 36 ENVIRONMENT: VAX/VMS Operating System
0000 37
0000 38 AUTHOR: Kathy Perko
0000 39
0000 40 CREATION DATE: 9-Jan-1982
0000 41
0000 42 MODIFIED BY:
0000 43 V03-004 MKP0004 Kathy Perko 13-July-1984
0000 44 Change NODE SERVICE PASSWORD parameter back to H1-8 (from
0000 45 H-8). The specs aren't consistent about it.
0000 46
0000 47 V03-003 MKP0003 Kathy Perko 26-Mar-1984
0000 48 Fix area 1 problem by converting node numbers with area 0
0000 49 to area 1.
0000 50
0000 51 V03-002 MKP0002 Kathy Perko 29-Jan-1984
0000 52 Make sure LOOP CIRCUIT commands have all required parameters.
0000 53
0000 54 V03-001 MKP0001 Kathy Perko 5-May-1983
0000 55 Fix TRIGGER to take PHYSICAL ADDRESS parameter.
0000 56
0000 57 --
```



```
0000 59 :  
0000 60 : INCLUDE FILES:  
0000 61 :  
0000 62 :  
0000 63 $NMADEF ; Network Management Layer definitions  
0000 64 $MOMDEF ; MOM definitions  
0000 65
```

```
0000 67 .SBTTL MOM$NPA_LOAD Downline load state table
0000 68
0000 69 :
0000 70 : This NPARSE table is used to parse the parameters of a NICE command
0000 71 : from NCP which requests a down line load.
0000 72 :
0000 73 MSGS MOM$NPA_LOAD
0000 74 :
0000 75 : Paramter loop
0000 76 :
0000 77 FIELDS MOM_LOAD_LOOP
0000 78 SEOM ,NPA$ EXIT
0000 79 $$BEXP MOM_NODE_SLI,MOM_LOAD_LOOP ; Service circuit
0000 80 $NEXT
0014 81
0014 82 FIELDS
0000 83 $$BEXP MOM_NODE_SPA,MOM_LOAD_LOOP ; Service password
0000 84 $NEXT
0020 85
0020 86 FIELDS
0000 87 $$BEXP MOM_NODE_SDV,MOM_LOAD_LOOP ; Service device
0000 88 $NEXT
002C 89
002C 90 FIELDS
0000 91 $$BEXP MOM_NODE_CPU,MOM_LOAD_LOOP ; CPU type
0000 92 $NEXT
0038 93
0038 94 FIELDS
0000 95 $$BEXP MOM_NODE_PHA,MOM_LOAD_LOOP ; NI (Ethernet) Physical Address
0000 96 $NEXT
0044 97
0044 98 FIELDS
0000 99 $$BEXP MOM_NODE_LOA,MOM_LOAD_LOOP ; Load file
0000 100 $NEXT
0050 101
0050 102 FIELDS
0000 103 $$BEXP MOM_NODE_SLO,MOM_LOAD_LOOP ; Secondary loader
0000 104 $NEXT
005C 105
005C 106 FIELDS
0000 107 $$BEXP MOM_NODE_TLG,MOM_LOAD_LOOP ; Tertiary loader
0000 108 $NEXT
0068 109
0068 110 FIELDS
0000 111 $$BEXP MOM_NODE_STY,MOM_LOAD_LOOP ; Software type
0000 112 $NEXT
0074 113
0074 114 FIELDS
0000 115 $$BEXP MOM_NODE_SID,MOM_LOAD_LOOP ; Software ID
0000 116 $NEXT
0080 117
0080 118 FIELDS
0000 119 $$BEXP MOM_NODE_IHO,MOM_LOAD_LOOP ; Host
0000 120 $NEXT
008C 121
008C 122 FIELDS
0000 123 $$BEXP MOM_NODE_NNA,MOM_LOAD_LOOP ; Name
```



```

0000 124 $NEXT
0098 125
0098 126 FIELDS
0000 127 $SBEXP MOM_NODE_ADD,MOM_LOAD_LOOP ; Address
0000 128 $NEXT
00A4 129
00A4 130 FIELDS
0000 131 $EOM NPAS_EXIT
0000 132 $MATCH 2,MOM-PTY_ERR ; Unrecognized parameter type
0000 133 $NULL ,MOM_FOR_ERR ; Format error
0000 134
0000 135 FIELDS ; End of LOAD state table
0000 136
0000 137
0000 138
0000 139
0000 140 ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
0000 141 ; Upline dumping - currently VMS supports autoservice upline dumping only,
0000 142 ; but not the NCP command DUMP.
0000 143 ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
0000 144 ;

```

```
0000 146
0000 147 .SBTTL MOM$NPA_TRIGGER Trigger parameter state table
0000 148
0000 149 :
0000 150 : Trigger
0000 151 :
0000 152 MSGS MOM$NPA_TRIGGER
0000 153 :
0000 154 :
0000 155 :
0000 156 : TRIGGER parameter loop
0000 157 :
0000 158 FIELDS MOM_TRIG_LOOP
0000 159 SEOM ,NPAS_EXIT
0000 160 $SBEXP MOM_NODE_SLI,MOM_TRIG_LOOP ; Service circuit
0000 161 $NEXT
0004 162
0004 163 FIELDS
0000 164 $SBEXP MOM_NODE_SPA,MOM_TRIG_LOOP ; Service password
0000 165 $NEXT
00E0 166
00E0 167 FIELDS
0000 168 $SBEXP MOM_NODE_PHA,MOM_LOAD_LOOP ; NI (Ethernet) Physical Address
0000 169 $NEXT
00EC 170
00EC 171 FIELDS
0000 172 SEOM ,NPAS_EXIT
0000 173 $MATCH 2,MOM_PTY_ERR ; Unrecognized parameter type
0000 174 $NULL ,MOM_FOR_ERR ; Format error
0000 175
0000 176 FIELDS ; End of TRIGGER state table
```



```
0000 178 .SBTTL MOM$NPA_CIRLOOP Circuit loop state table
0000 179
0000 180 ;
0000 181 ; Circuit loop
0000 182 ;
0000 183 MSGS MOM$NPA_CIRLOOP
0000 184 ;
0000 185 ; Loop Circuit Parameter loop
0000 186 ;
0000 187 FIELDS MOM_LOOP_LOOP
0000 188 SEOM ,MOM_CHECK_PARAMS
0000 189 SSBEXP MOM_NODE_PRA,MOM_LOOP_LOOP ; NI (Ethernet) Physical Address
0000 190 $NEXT
011C 191
011C 192 FIELDS
0000 193 SSBEXP MOM_NODE_LPC,MOM_LOOP_LOOP ; Loop count
0000 194 $NEXT
0128 195
0128 196 FIELDS
0000 197 SSBEXP MOM_NODE_LPL,MOM_LOOP_LOOP ; Loop length
0000 198 $NEXT
0134 199
0134 200 FIELDS
0000 201 SSBEXP MOM_NODE_LPD,MOM_LOOP_LOOP ; Loop data type (LOOP WITH)
0000 202 $NEXT
0140 203
0140 204 FIELDS
0000 205 SSBEXP MOM_NODE_LPA,MOM_LOOP_LOOP ; Loop Assistant Physical
0000 206 $NEXT ; Address on NI
014C 207
014C 208 FIELDS
0000 209 SSBEXP MOM_NODE_LPH,MOM_LOOP_LOOP ; Loop help type
0000 210 $NEXT
0158 211
0158 212 FIELDS
0000 213 SSBEXP MOM_NODE_LPN,MOM_LOOP_LOOP ; Loop NI circuit node
0000 214 $NEXT
0164 215
0164 216 FIELDS
0000 217 SSBEXP MOM_NODE_LAN,MOM_LOOP_LOOP ; Loop NI circuit assistant
0000 218 $NEXT ; node
0170 219
0170 220 FIELDS
0000 221 SEOM ,MOM_CHECK_PARAMS
0000 222 $MATCH 2,MOM_PTY_ERR ; Unrecognized parameter type
0000 223 $NULL ,MOM_FOR_ERR ; Format error
0000 224
0000 225 FIELDS MOM_CHECK_PARAMS
0000 226 $NULL ,NPA$_EXIT,MOM$CHECK_LOOP_PARAMS
0000 227
0000 228 FIELDS
0000 229
```

```
0000 231 .SBTTL MOM$NPA_NODE Node parameter state table
0000 232
0000 233 :+
0000 234 : Node parameters state table
0000 235 :-
0000 236
0000 237 MSGS MOM$NPA_NODE
0000 238
0000 239 FIELDS MOM_NODE SLI ; Service circuit parameter
0000 240 $WORD NMASC_PCNO_SLI,MOM_IMG_SUB,MOM$CHECK_NODE_ENTITY,SVD$GK_PCNO_SLI, -
0000 241 MOM$GL_SVD_INDEX
0000 242
0000 243 FIELDS MOM_NODE SPA ; Service password parameter
0000 244 $WORD NMASC_PCNO_SPA,MOM_IMG_SUB,,SVD$GK_PCNO_SPA,MOM$GL_SVD_INDEX
0000 245
0000 246 FIELDS MOM_NODE SDV ; Service device parameter
0000 247 $WORD NMASC_PCNO_SDV,,,SVD$GK_PCNO_SDV,MOM$GL_SVD_INDEX
0000 248 FIELDS
0000 249 $LOOK NMASC_SOFD_DP,MOM_BYTE_SUB ; DP11
0000 250 $LOOK NMASC_SOFD_UNA,MOM_BYTE_SUB ; UNA
0000 251 $LOOK NMASC_SOFD_DU,MOM_BYTE_SUB ; DU11/DUV11
0000 252 $LOOK NMASC_SOFD_DL,MOM_BYTE_SUB ; DL11
0000 253 $LOOK NMASC_SOFD_DQ,MOM_BYTE_SUB ; DQ11
0000 254 $LOOK NMASC_SOFD_DA,MOM_BYTE_SUB ; DA11
0000 255 $LOOK NMASC_SOFD_DUP,MOM_BYTE_SUB ; DUP11
0000 256 $LOOK NMASC_SOFD_DMC,MOM_BYTE_SUB ; DMC11
0000 257 $LOOK NMASC_SOFD_DTE,MOM_BYTE_SUB ; DTE
0000 258 $LOOK NMASC_SOFD_KL8,MOM_BYTE_SUB ; KL8
0000 259 $LOOK NMASC_SOFD_DMV,MOM_BYTE_SUB ; DMV
0000 260 $LOOK NMASC_SOFD_DMP,MOM_BYTE_SUB ; DMP
0000 261 $LOOK NMASC_SOFD_DPV,MOM_BYTE_SUB ; DPV
0000 262 $LOOK NMASC_SOFD_DMF,MOM_BYTE_SUB ; DMF
0000 263 $NULL ,MOM_PVA_ERR ; Parameter value error
0000 264
0000 265 FIELDS MOM_NODE CPU ; CPU type
0000 266 $WORD NMASC_PCNO_CPU,,,SVD$GK_PCNO_CPU,MOM$GL_SVD_INDEX
0000 267 FIELDS ; Verify legitimate type
0000 268 $LOOK NMASC_CPU_8,MOM_BYTE_SUB
0000 269 $LOOK NMASC_CPU_11,MOM_BYTE_SUB
0000 270 $LOOK NMASC_CPU_1020,MOM_BYTE_SUB
0000 271 $LOOK NMASC_CPU_VAX,MOM_BYTE_SUB
0000 272 $NULL ,MOM_PVA_ERR ; Parameter value error
0000 273
0000 274 FIELDS MOM_NODE PHA ; NI Physical Address
0000 275 $WORD NMASC_PCNO_PHA,MOM_NI_ADD_SUB,,SVD$GK_PCNO_PHA,MOM$GL_SVD_INDEX
0000 276
0000 277 FIELDS MOM_NODE LOA ; Load file parameter
0000 278 $WORD NMASC_PCNO_LOA,MOM_IMG_SUB,,SVD$GK_PCNO_LOA,MOM$GL_SVD_INDEX
0000 279
0000 280 FIELDS MOM_NODE SLO ; Secondary loader
0000 281 $WORD NMASC_PCNO_SLO,MOM_IMG_SUB,,SVD$GK_PCNO_SLO,MOM$GL_SVD_INDEX
0000 282
0000 283 FIELDS MOM_NODE TLO ; Tertiary loader parameter
0000 284 $WORD NMASC_PCNO_TLO,MOM_IMG_SUB,,SVD$GK_PCNO_TLO,MOM$GL_SVD_INDEX
0000 285
0000 286 FIELDS MOM_NODE STY ; Software type parameter
0000 287 $WORD NMASC_PCNO_STY,,,SVD$GK_PCNO_STY,MOM$GL_SVD_INDEX
```



```
0000 288 FIELDS ; Check legitimate values
0000 289 $LOOK NMASC_SOFT_SECL,MOM_BYTE_SUB ; Secondary loader
0000 290 $LOOK NMASC_SOFT_TERL,MOM_BYTE_SUB ; Tertiary loader
0000 291 $LOOK NMASC_SOFT_OSYS,MOM_BYTE_SUB ; Operating system
0000 292 $NULL ,MOM_PVA_ERR ; Parameter value error
0000 293
0000 294 FIELDS MOM_NODE_SID ; Software id parameter
0000 295 $WORD NMASC_PCNO_SID,MOM_IMG_SUB,,SVD$GK_PCNO_SID,MOM$GL_SVD_INDEX
0000 296
0000 297 FIELDS MOM_NODE_IHO ; Host parameter
0000 298 $WORD NMASC_PCNO_IHO,MOM_NODE_SUB,,SVD$GK_PCNO_IHO,MOM$GL_SVD_INDEX
0000 299
0000 300 FIELDS MOM_NODE_LPC ; Loop count
0000 301 $WORD NMASC_PCNO_LPC,MOM_WORD_SUB,,SVD$GK_PCNO_LPC,MOM$GL_SVD_INDEX
0000 302
0000 303 FIELDS MOM_NODE_LPL ; Loop length
0000 304 $WORD NMASC_PCNO_LPL,MOM_WORD_SUB,,SVD$GK_PCNO_LPL,MOM$GL_SVD_INDEX
0000 305
0000 306 FIELDS MOM_NODE_LPD ; Loop data type
0000 307 $WORD NMASC_PCNO_LPD,MOM_BYTE_SUB,,SVD$GK_PCNO_LPD,MOM$GL_SVD_INDEX
0000 308
0000 309 FIELDS MOM_NODE_LPA ; Loop Assistant Physical Address on NI
0000 310 $WORD NMASC_PCNO_LPA,,,MOM$M_LOOP_W_ASSIST,MOM$GL_SERVICE_FLAGS
0000 311 FIELDS
0000 312 $NULL ,MOM_NI_ADD_SUB,,SVD$GK_PCNO_LPA,MOM$GL_SVD_INDEX
0000 313
0000 314 FIELDS MOM_NODE_LPH ; Loop Help Type
0000 315 $WORD NMASC_PCNO_LPH,,,SVD$GK_PCNO_LPH,MOM$GL_SVD_INDEX
0000 316 FIELDS ; Check legitimate values
0000 317 $LOOK NMASC_LOOP_XMIT,MOM_BYTE_SUB ; Use help on loop transmit
0000 318 $LOOK NMASC_LOOP_RECV,MOM_BYTE_SUB ; Use help on loop receive
0000 319 $LOOK NMASC_LOOP_FULL,MOM_BYTE_SUB ; Use help on both transmit and receive.
0000 320 $NULL ,MOM_PVA_ERR ; Parameter value error
0000 321
0000 322 FIELDS MOM_NODE_LPN ; Loop circuit node ID
0000 323 $WORD NMASC_PCNO_LPN,MOM_NODE_SUB,,SVD$GK_PCNO_LPN,MOM$GL_SVD_INDEX
0000 324
0000 325 FIELDS MOM_NODE_LAN ; Loop circuit assistant node ID
0000 326 $WORD NMASC_PCNO_LAN,,,MOM$M_LOOP_W_ASSIST,MOM$GL_SERVICE_FLAGS
0000 327 FIELDS
0000 328 $NULL ,MOM_NODE_SUB,,SVD$GK_PCNO_LAN,MOM$GL_SVD_INDEX
0000 329
0000 330 FIELDS MOM_NODE_NNA ; Name
0000 331 $WORD NMASC_PCNO_NNA,,,SVD$GK_PCNO_NNA,MOM$GL_SVD_INDEX
0000 332 FIELDS
0000 333 $IMAGE 6,NPAS_EXIT,MOM$SAVE_PARAM
0000 334 $NULL ,MOM_FOR_ERR
0000 335
0000 336 FIELDS MOM_NODE_ADD ; Address
0000 337 $WORD NMASC_PCNO_ADD,MOM_NODE_ADDR_SUB,,SVD$GK_PCNO_ADD,MOM$GL_SVD_INDEX
0000 338
0000 339 FIELDS ; End of node parameter states
```



```
0000 341 .SBTTL MOM$NPA_SERSUB Common service parameter subexpressions
0000 342
0000 343 :
0000 344 : Common subexpressions
0000 345 :
0000 346 MSG$ MOM$NPA_SERSUB
0000 347 :
0000 348 : Host node address or name parameter
0000 349 :
0000 350 FIELDS$ MOM_NODE_SUB
0000 351 $LOOK 0,MOM_NODENUMBER
0000 352 $IMAGE 6,NPA$_EXIT,MOM$SAVE_NODE_ID,,,MOM$C_NODE_ID_PARAM
0000 353 :
0000 354 FIELDS$ MOM_NODENUMBER
0000 355 $MATCH 3,NPA$_EXIT,MOM$SAVE_NODE_ID,,,MOM$C_NODE_ID_PARAM
0000 356 $NULL ,MOM_FOR_ERR ; Format error
0000 357 :
0000 358 FIELDS$ MOM_NODE_ADDR_SUB
0000 359 $MATCH 2,NPA$_EXIT,MOM$SAVE_NODE_ID,,,MOM$C_NODE_ADDR_PARAM
0000 360 $NULL ,MOM_FOR_ERR ; Format error
0000 361 :
0000 362 : Byte parameter
0000 363 :
0000 364 FIELDS$ MOM_BYTE_SUB
0000 365 $MATCH 1,NPA$_EXIT,MOM$SAVE_PARAM
0000 366 $NULL ,MOM_FOR_ERR ; Format error
0000 367 :
0000 368 : Word parameter
0000 369 :
0000 370 FIELDS$ MOM_WORD_SUB
0000 371 $MATCH 2,NPA$_EXIT,MOM$SAVE_PARAM
0000 372 $NULL ,MOM_FOR_ERR ; Format error
0000 373 :
0000 374 : Longword parameter
0000 375 :
0000 376 FIELDS$ MOM_LONG_SUB
0000 377 $MATCH 4,NPA$_EXIT,MOM$SAVE_PARAM
0000 378 $NULL ,MOM_FOR_ERR ; Format error
0000 379 :
0000 380 : Image (string) parameter
0000 381 :
0000 382 FIELDS$ MOM_IMG_SUB
0000 383 $IMAGE 255,NPA$_EXIT,MOM$SAVE_PARAM
0000 384 $NULL ,MOM_FOR_ERR ; Format error
0000 385 :
0000 386 : NI Address Hex Image (string) parameter
0000 387 :
0000 388 FIELDS$ MOM_NI_ADD_SUB
0000 389 $IMAGE 6,NPA$_EXIT,MOM$SAVE_PARAM
0000 390 $NULL ,MOM_FOR_ERR ; Format error
0000 391 :
0000 392 : Unrecognized parameter type error
0000 393 :
0000 394 FIELDS$ MOM_PTY_ERR
0000 395 $ERROR ,,MOM$PARSE_ERROR,,,MOM$C_STS_PTY
0000 396 :
0000 397 : Parameter value error
```

```
0000 398 :  
0000 399 FIELD$ MOM_PVA_ERR  
0000 400 $ERROR ,,MOM$PARSE_ERROR,,,NMA$C_STS_PVA  
0000 401 :  
0000 402 : Message format error  
0000 403 :  
0000 404 FIELD$ MOM_FOR_ERR  
0000 405 $ERROR ,,MOM$PARSE_ERROR,,,NMA$C_STS_INV  
0000 406 :  
0000 407 : End of common parsing states  
0000 408 :  
0000 409 FIELD$  
0000 410 :  
0000 411 .END
```


FLG\$\$\$	=	FFFFFFFF			NMASC_PCNO_CPU	=	00000071
MOMSCHECK_LOOP_PARAMS		*****	X	03	NMASC_PCNO_IHO	=	0000008D
MOMSCHECK_NODE_ENTITY		*****	X	03	NMASC_PCNO_LAN	=	0000009C
MOMSC_NODE_ADDR_PARAM	=	00000001			NMASC_PCNO_LOA	=	00000078
MOMSC_NODE_ID_PARAM	=	00000000			NMASC_PCNO_LPA	=	00000099
MOMSGC_SERVICE_FLAGS		*****	X	03	NMASC_PCNO_LPC	=	00000096
MOMSGC_SVD_INDEX		*****	X	03	NMASC_PCNO_LPD	=	00000098
MOMSM_LOOP_W_ASSIST	=	00000008			NMASC_PCNO_LPH	=	0000009A
MOMSNPA_CIRLOOP		00000108	RG	03	NMASC_PCNO_LPL	=	00000097
MOMSNPA_LOAD		00000000	RG	03	NMASC_PCNO_LPN	=	0000009B
MOMSNPA_NODE		00000198	RG	03	NMASC_PCNO_NNA	=	000001F4
MOMSNPA_SERSUB		00000470	RG	03	NMASC_PCNO_PHA	=	0000000A
MOMSNPA_TRIGGER		000000C0	RG	03	NMASC_PCNO_SDV	=	00000070
MOMSPARSE_ERROR		*****	X	03	NMASC_PCNO_SID	=	0000007E
MOMSSAVE_NODE_ID		*****	X	03	NMASC_PCNO_SLI	=	0000006E
MOMSSAVE_PARAM		*****	X	03	NMASC_PCNO_SLO	=	00000079
MOM_BYTE_SUB		000004C8	R	03	NMASC_PCNO_SPA	=	0000006F
MOM_CHECK_PARAMS		0000018C	R	03	NMASC_PCNO_STY	=	0000007D
MOM_FOR_ERR		00000568	R	03	NMASC_PCNO_TLO	=	0000007A
MOM_IMG_SUB		00000510	R	03	NMASC_SOFD_DA	=	00000008
MOM_LOAD_LOOP		00000000	R	03	NMASC_SOFD_DL	=	00000004
MOM_LONG_SUB		000004F8	R	03	NMASC_SOFD_DMC	=	0000000C
MOM_LOOP_LOOP		00000108	R	03	NMASC_SOFD_DMF	=	00000026
MOM_NI_ADD_SUB		00000528	R	03	NMASC_SOFD_DMP	=	00000012
MOM_NODENUMBER		00000490	R	03	NMASC_SOFD_DMV	=	00C00022
MOM_NODE_ADD		0000045C	R	03	NMASC_SOFD_DP	=	00000000
MOM_NODE_ADDR_SUB		000004AC	R	03	NMASC_SOFD_DPV	=	00000024
MOM_NODE_CPU		00000284	R	03	NMASC_SOFD_DQ	=	00000006
MOM_NODE_IHO		00000354	R	03	NMASC_SOFD_DTE	=	00000014
MOM_NODE_LAN		00000414	R	03	NMASC_SOFD_DU	=	00000002
MOM_NODE_LOA		000002C8	R	03	NMASC_SOFD_DUP	=	0000000A
MOM_NODE_LPA		000003A4	R	03	NMASC_SOFD_KL8	=	00000020
MOM_NODE_LPC		00000368	R	03	NMASC_SOFD_UNA	=	00000001
MOM_NODE_LPD		00000390	R	03	NMASC_SOFT_OSYS	=	00000002
MOM_NODE_LPH		000003C4	R	03	NMASC_SOFT_SECL	=	00000000
MOM_NODE_LPL		0000037C	R	03	NMASC_SOFT_TERL	=	00000001
MOM_NODE_LPN		00000400	R	03	NMASC_STS_INV	=	FFFFFFFFE
MOM_NODE_NNA		00000434	R	03	NMASC_STS_PTY	=	FFFFFFFA
MOM_NODE_PHA		000002B4	R	03	NMASC_STS_PVA	=	FFFFFFF0
MOM_NODE_SDV		000001C4	R	03	NPASM_ACTION	=	00000004
MOM_NODE_SID		00000340	R	03	NPASM_EXT	=	00000001
MOM_NODE_SLI		00000198	R	03	NPASM_LAST	=	00008000
MOM_NODE_SLO		000002DC	R	03	NPASM_MASK	=	00000010
MOM_NODE_SPA		000001B0	R	03	NPASM_MSKADR	=	00000020
MOM_NODE_STY		00000304	R	03	NPASM_OFFSET	=	00000040
MOM_NODE_SUB		00000470	R	03	NPASM_PARAM	=	00000002
MOM_NODE_TLO		000002F0	R	03	NPASM_STATE	=	00000008
MOM_PTY_ERR		00000540	R	03	NPAS_ADVANCE	=	00000001
MOM_PVA_ERR		00000554	R	03	NPAS_BYTE	=	00000003
MOM_TRIG_LOOP		000000C0	R	03	NPAS_EOM	=	00000004
MOM_WORD_SUB		000004E0	R	03	NPAS_ERROR	=	00000007
NMASC_CPD_11	=	00000001			NPAS_EXIT	=	00000000
NMASC_CPU_VAX	=	00000003			NPAS_EXTZV	=	0000000A
NMASC_LOOP_FULL	=	00000002			NPAS_FAIL	=	FFFFFFFF
NMASC_LOOP_RECV	=	00000001			NPAS_IMAGE	=	00000000
NMASC_LOOP_XMIT	=	00000000			NPAS_LOOK	=	00000009
NMASC_PCNO_ADD	=	000001F6			NPAS_MASK	=	00000002


```
NPAS_MATCH      = 00000008
NPAS_NULL       = 00000005
NPAS_SBEXP      = 00000006
NPAS_WORD       = 00000001
NXT$$$          = 00000000
SVD$GK_PCNO_ADD ***** X 03
SVD$GK_PCNO_CPU ***** X 03
SVD$GK_PCNO_IHO ***** X 03
SVD$GK_PCNO_LAN ***** X 03
SVD$GK_PCNO_LOA ***** X 03
SVD$GK_PCNO_LPA ***** X 03
SVD$GK_PCNO_LPC ***** X 03
SVD$GK_PCNO_LPD ***** X 03
SVD$GK_PCNO_LPH ***** X 03
SVD$GK_PCNO_LPL ***** X 03
SVD$GK_PCNO_LPN ***** X 03
SVD$GK_PCNO_NNA ***** X 03
SVD$GK_PCNO_PHA ***** X 03
SVD$GK_PCNO_SDV ***** X 03
SVD$GK_PCNO_SID ***** X 03
SVD$GK_PCNO_SLI ***** X 03
SVD$GK_PCNO_SLO ***** X 03
SVD$GK_PCNO_SPA ***** X 03
SVD$GK_PCNO_STY ***** X 03
SVD$GK_PCNO_TLO ***** X 03
```

+-----+
! Psect synopsis !
+-----+

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
. BLANK .	00000000 (0.)	01 (1.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE
\$AB\$\$	00000000 (0.)	02 (2.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
NPASSTATE	0000057C (1404.)	03 (3.)	NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC BYTE

+-----+
! Performance indicators !
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	30	00:00:00.08	00:00:00.33
Command processing	134	00:00:00.94	00:00:05.51
Pass 1	495	00:00:24.99	00:00:48.02
Symbol table sort	0	00:00:01.35	00:00:01.84
Pass 2	83	00:00:04.66	00:00:09.00
Symbol table output	17	00:00:00.18	00:00:00.90
Psect synopsis output	1	00:00:00.03	00:00:00.28
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	762	00:00:32.25	00:01:05.92

The working set limit was 1800 pages.
129652 bytes (254 pages) of virtual memory were used to buffer the intermediate code.
There were 60 pages of symbol table space allocated to hold 1009 non-local and 0 local symbols.
411 source lines were read in Pass 1, producing 25 object records in Pass 2.

32 pages of virtual memory were used to define 29 macros.

+-----+
! Macro library statistics !
+-----+

Macro library name	Macros defined
-----	-----
\$255\$DUA28:[SHRLIB]NMALIBRY.MLB;1	1
\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
\$255\$DUA28:[MOM.OBJ]MOMLIB.MLB;1	15
\$255\$DUA28:[SYSLIB]STARLET.MLB;2	3
TOTALS (all libraries)	19

1209 GETS were required to define 19 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:MOMSERSTA/OBJ=OBJ\$:MOMSERSTA MSRC\$:MOMSERSTA/UPDATE=(ENH\$:MOMSERSTA)+LIB\$:MOMLIB/LIB+EXECML\$/LIB+SHRLIB\$:NMALIBRY/LIB

0238

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY